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November 15, 2001

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**TO: EXAMINER: Sarvamangala Devi**  
**ART UNIT: 1645**  
**Fax No.: 1-703-872-9306**

**OFFICIAL**

**RE: U.S. Patent Application No. 09/151,409**  
**GROUP A STREPTOCOCCAL VACCINES**  
**Attorney Docket No.: 481112.410**

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**Comments:****Documents Attached:**

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**PTO/SB/21 Transmittal**  
**Amendment**

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USAN: 09/151,409

Atty Docket: 481112.410

Filing Date: September 10, 1998

James B. Dale

Examiner: S. Devi

Art Unit 1645

**Certificate of Transmission under 37 CFR 1.8**

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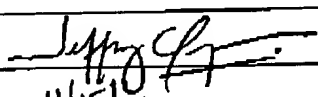
<b>TRANSMITTAL FORM</b>  <i>(To be used for all correspondence after initial filing)</i>	Application Number	09/151,409
	Filing Date	September 10, 1998
	First Named Inventor	James B. Dale
	Group Art Unit	1645
	Examiner Name	Sarvamangala Devi
	Attorney Docket No.	481112.410

**ENCLOSURES (check all that apply)**

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Individual Name	Jeffrey C. Pepe, Ph.D. Reg. No. 46,985	 <b>00500</b> PATENT & TRADEMARK OFFICE
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James B. Dale  
Application No. : 09/151,409  
Filed : September 10, 1998  
For : *GROUP A STREPTOCOCCAL VACCINES*

Examiner : S. Devi, Ph.D.  
Art Unit : 1645  
Docket No. : 481112.410  
Date : November 15, 2001

Box Non-Fee Amendment  
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Washington, DC 20231

REPLY AND AMENDMENT

Commissioner for Patents:

Please amend the application as follows: